

EXECUTIVE RECOMMENDATION

Bioscience Education Center - No. 056603

Category: **Montgomery College**

Date Last Modified: **January 10, 2008**

Agency: **Montgomery College**

Required Adequate Public Facility: **No**

Planning Area: **Germantown**

Relocation Impact: **None**

EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru		Est. 6 Year		FY09	FY10	FY11	FY12	FY13	FY14	Beyond 6 Years
		FY07	FY08	Total	Total							
Planning, Design and Supervision	10,146	3,158	242	6,425	952	0	0	0	5,473	0	0	321
Construction	69,306	0	0	66,004	0	6,428	0	0	0	22,388	37,188	3,302
Other	8,220	0	0	7,829	0	0	0	0	0	0	7,829	391
Total	87,672	3,158	242	80,258	952	6,428	0	5,473	22,388	45,017	4,014	

FUNDING SCHEDULE (\$000)

PAYGO	58	58	0	0	0	0	0	0	0	0	0	0
G.O. Bonds	44,255	1,521	121	40,606	952	3,214	0	2,737	11,194	22,509	2,007	0
Contributions	0	0	0	0	0	0	0	0	0	0	0	0
State Aid	43,359	1,579	121	39,652	0	3,214	0	2,736	11,194	22,508	2,007	0

COMPARISON (\$000)

	Total	Thru		Est. 6 Year		FY09	FY10	FY11	FY12	FY13	FY14	Beyond 6 Years	Approp. Request
		FY07	FY08	Total	Total								
Current Approved	76,278	3,400	0	72,878	5,473	22,388	45,017	0	0	0	0	0	0
Agency Request	87,672	3,158	242	84,272	6,746	28,815	48,711	0	0	0	0	6,746	
Recommended	87,672	3,158	242	80,258	952	6,428	0	5,473	22,388	45,017	4,014	952	
CHANGE				TOTAL	%	6-YEAR	%				APPROP.		
Agency Request vs Approved				11,394	14.9%		11,394	15.6%		6,746	0.0%		
Recommended vs Approved				11,394	14.9%		7,380	10.1%		952	0.0%		
Recommended vs Request				0	0.0%		(4,014)	(4.8%)		(5,794)	(85.9%)		

Recommendation

APPROVE WITH MODIFICATIONS

Comments

The Executive recommends funding the design for the Germantown Access Road included in this project, and has provided G.O. Bonds as a substitute for the State Aid requested in FY09. Funding for the Bioscience Education Center is on the schedule shown because State Aid funding and availability is not clearly defined and for fiscal reasons.

The FY09 appropriation recommendation is \$952,000.

The FY10 appropriation recommendation is \$6,428,000.

Bioscience Education Center -- No. 056603

Category Montgomery College
Subcategory Higher Education
Administering Agency Montgomery College
Planning Area Germantown

Date Last Modified November 28, 2007
Required Adequate Public Facility No
Relocation Impact None
Status On-going

EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY07	Est. FY08	Total 6 Years	FY09	FY10	FY11	FY12	FY13	FY14	Beyond 6 Years
Planning, Design, and Supervision	10,146	3,158	242	6,746	6,746	0	0	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	69,306	0	0	69,306	0	28,815	40,491	0	0	0	0
Other	8,220	0	0	8,220	0	0	8,220	0	0	0	0
Total	87,672	3,158	242	84,272	6,746	28,815	48,711	0	0	0	0

FUNDING SCHEDULE (\$000)

State Aid	43,836	1,579	121	42,136	3,373	14,407	24,356	0	0	0	0
G.O. Bonds	43,836	1,579	121	42,136	3,373	14,408	24,355	0	0	0	0
Total	87,672	3,158	242	84,272	6,746	28,815	48,711	0	0	0	0

OPERATING BUDGET IMPACT (\$000)

Energy				768	0	0	0	0	384	384
Maintenance				1,364	0	0	0	0	682	682
Program-Staff				140	0	0	0	0	70	70
Net Impact				2,272	0	0	0	0	1,136	1,136
WorkYears				36.0	0.0	0.0	0.0	0.0	18.0	18.0

DESCRIPTION

This project provides funds for the design and construction of a new biotechnology and science building (approx. 126,900 gsf) on the Germantown Campus to support Campus space needs and provide for up-to-date biotechnology and science laboratories in a modern facility that complies with current requirements. This new building is part of an overall plan to provide a Campus instructional focus on the biotechnology industry. The College is working with the County to develop an adjacent biotech business park on the Germantown Campus as part of the up-County biotechnology corridor. This new building and the biotechnology program is part of an overall strategy to supply a biotechnology workforce for Montgomery County and the State of Maryland. In addition to housing the biology, chemistry and biotechnology programs, this new building will have a meeting center providing the College and outside groups with opportunities to gather in support of scientific education.

***Note: The Germantown Access Road, Project #076611, has been added to the scope of this project. This project will also fund the design and construction of a new access road on the Germantown Campus providing an additional means of egress as student enrollment continues to grow. The primary gateway and only existing entrance to the campus is located on MD 118. There is a need for an additional entrance to provide improved access to the campus and to better address emergency situations that may necessitate a campus evacuation. The Germantown Access Road potentially will change from a two lane road to a four lane road to accommodate the additional traffic generated by the Germantown business park.

COST CHANGE

The cost of this project has increased due to FY09 Bond Bill cost escalations. The state has recognized the increasing costs of the current construction market and is using the following escalation factors: 5% in FY2009, and 5% thereafter. These cost escalations have been incorporated into the project.

JUSTIFICATION

Under the application of the State space guidelines, the enrollment growth on the Germantown Campus has resulted in a significant instructional space deficit. The Germantown Campus has a 2016 projected instructional space deficit of 64,462 NASF and a total space deficit anticipated to be 147,580 NASF. In addition, the Campus' chemistry and biology classrooms and labs are currently located in outdated facilities. The new building will provide a modern facility for up-to-date biotechnology instruction along with providing much needed additional space.

The Germantown Campus accommodates 5,529 students and 480 full-time, and part-time faculty and staff (Fall 2006). With continued student enrollment growth, there is a need to provide the campus with an additional access point to accommodate traffic. In accordance with the College's Facilities Master Plan, there are several potential locations for providing additional access to the Campus. An additional entrance road will also serve

APPROPRIATION AND EXPENDITURE DATA

Date First Appropriation	FY05	(\$000)
First Cost Estimate		
Current Scope	FY09	87,672
Last FY's Cost Estimate		76,278
Appropriation Request	FY09	6,746
Appropriation Request Est.	FY10	69,306
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		3,400
Expenditures / Encumbrances		3,158
Unencumbered Balance		242
Partial Closeout Thru	FY06	0
New Partial Closeout	FY07	0
Total Partial Closeout		0

COORDINATION

Facility Planning: College (CIP#886686)
Energy Conservation: College
(CIP#816611)

MAP

Bioscience Education Center -- No. 056603 (continued)

to provide better campus egress during emergency situations that may require a campus evacuation.

The Collegewide Facilities Master Plan (1/04), the Germantown Bioscience Education Center Facility Program (5/04), and the Collegewide Facilities Condition Assessment (11/06).

OTHER

FY09 Appropriation: \$3,373,000(G.O. Bonds); \$3,373,000(State Aid).

FY10 Total Appropriation: \$69,306,000.

FY11 Total Appropriation: \$8,220,000.

State share of project based on anticipated eligible costs. Relocation costs and design fees above approximately 7% of estimated construction costs may not be eligible for State reimbursement.

FISCAL NOTE

The FY09 request reflects Phase II of a two-phase design funding sequence to better match the state's desired funding cycle.

OTHER DISCLOSURES

- Montgomery College asserts that this project conforms to the requirements of relevant local plans, as required by the Maryland Economic Growth, Resource Protection and Planning Act.